

SEQUENCE LISTING

<110> F. Hoffmann-La Roche AG

<120> A nucleic acid which is upregulated in human tumor cells, a protein encoded thereby and a process for tumor diagnosis

<130> Case 20678

<140>

<141>

<150> EP00110953.7

<151> 2000-05-26

<150> EP00115369.1

<151> 2000-07-15

<160> 12

<170> PatentIn Ver. 2.1

<210> 1

<211> 2342

<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (459)..(848)

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acagtgtggg tctctgacca cccgacgagc tggaagtgca gaccgctgac ctcccttgag 240

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Met Asp Pro Asp Val Val

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ttg tgg tcc tgc acg tgg aag cca gcc ctg cgt ggg gtg agc ctg gga 524

Leu Trp Ser Cys Thr Trp Lys Pro Ala Leu Arg Gly Val Ser Leu Gly

10

15

20

ctg tgg gca gag aac ctc aag cac cgg gcc ggc acc caa gtg cag aga 572
 Leu Trp Ala Glu Asn Leu Lys His Arg Ala Gly Thr Gln Val Gln Arg
 25 30 35

ctg cat cgt ccc agc agg agg cgc tgc ttc cag gct ccc tgg acg gac 620
 Leu His Arg Pro Ser Arg Arg Arg Cys Phe Gln Ala Pro Trp Thr Asp
 40 45 50

tcc ggg agg gcg gcc ttt ccc ccc agc ccc aga ggt ggg cct gcc ctt 668
 Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro Arg Gly Gly Pro Ala Leu
 55 60 65 70

ttc cga gca tgg gac aca gcc cag gaa aac gca tgg ctt gtc ctc cag 716
 Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn Ala Trp Leu Val Leu Gln
 75 80 85

aca cag gtg cta aca ggg ccg tca gac aag ggc cag gga ctc agg ctt 764
 Thr Gln Val Leu Thr Gly Pro Ser Asp Lys Gly Gln Gly Leu Arg Leu
 90 95 100

tta gga att tca gct cca gag cca cca tgc agt ggg acc agg ggt ctg 812
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cgt gga cag gaa gca agc tgt gta gac ggg ggt cca tgaagtagag 858
 Arg Gly Gln Glu Ala Ser Cys Val Asp Gly Gly Pro
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<211> 130

<212> PRT

<213> Homo sapiens

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 35 40 45
 Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro
 50 55 60
 Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn
 65 70 75 80
 Ala Trp Leu Val Leu Gln Thr Gln Val Leu Thr Gly Pro Ser Asp Lys
 85 90 95
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Gly Pro

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<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (1)..(285)

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10

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cgt ggg gtg agc ctg gga ctg tgg gca gag aac ctc aag cac cgg gcc 96

Arg Gly Val Ser Leu Gly Leu Trp Ala Glu Asn Leu Lys His Arg Ala

20

25

30

ggc acc caa gtg cag aga ctg cat cgt ccc aac agg agg cgc tgc ttc 144

Gly Thr Gln Val Gln Arg Leu His Arg Pro Asn Arg Arg Arg Cys Phe

35

40

45

cag gct ccc tgg acg gac tcc ggg agg gcg gcc ttt ccc ccc agc ccc 192

Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro

50

55

60

aga ggt ggg cct gcc ctt ttc cga gcg tgg gac aca gcc cag gaa aac 240

Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn

65

70

75

80

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<210> 4

<211> 95

<212> PRT

<213> Homo sapiens

<400> 4

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 20 25 30

Gly Thr Gln Val Gln Arg Leu His Arg Pro Asn Arg Arg Arg Cys Phe
 35 40 45

Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro
 50 55 60

Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn
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Ala Trp Leu Val Leu Gln Thr Gln Gly Glu Phe Gly Arg Gln Asp
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<210> 5

<211> 19

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer GSP1

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<210> 6

<211> 23

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer GSP2

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<210> 7

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer AUAP

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<210> 8

<211> 19

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer RTR-5

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<210> 9

<211> 17

<212> DNA

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<210> 10

<211> 25

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<223> Description of Artificial Sequence:-actin reverse
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<210> 11

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: β -actin forward
primer

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<210> 12

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<213> Homo sapiens

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<223> fragment of sequence AQ548392, nucleotide 1
correspond to nucleotide 304 and nucleotide 127
correspond to nucleotide 430 of the complete
sequence

<300>

<308> AQ548392

<400> 12

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tagcacc 127